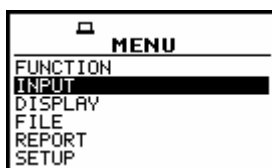


5 MEASUREMENT PARAMETERS SETTING - INPUT

The profile parameters can be set in the **INPUT** list, which can be entered after pressing the **<MENU>** push-button, then selecting by means of the **<▲>**, **<▼>** (or **<◀>**, **<▶>**) push-buttons the **INPUT** text and finally pressing the **<ENTER>** one.

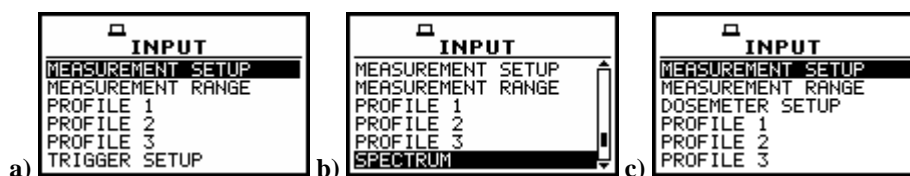


Main list with the **INPUT** text selected

The **INPUT** list in the **LEVEL METER** contains the elements which enable one the independent programming of the measurement parameters (**MEASUREMENT SETUP**), the input range (**MEASUREMENT RANGE**), parameters of three profiles (**PROFILE 1**, **PROFILE 2** and **PROFILE 3**) and the trigger function (**TRIGGER SETUP**).

In the case of the **DOSE METER** instead of the trigger function there is a **DOSEMETER SETUP**.

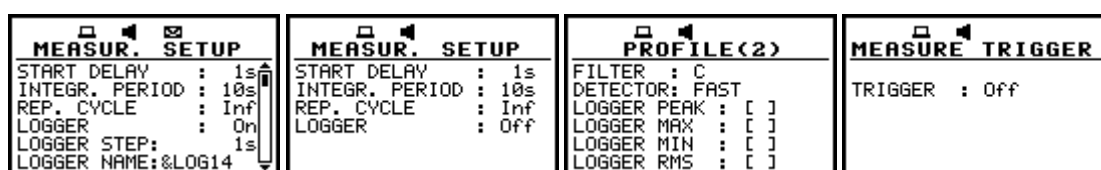
In the case of **1/1 OCTAVE** function the **SPECTRUM** position appears additionally in the **INPUT** list.



INPUT list in the **LEVEL METER** (a) **1/1 OCTAVE** (b) and **DOSE METER** (c)



Notice: Any parameter in the **INPUT** list can be changed only when the instrument does not execute a measurement. The possibility of a change is signalled by displaying inversely a parameter's field. Moreover, normally displayed field means that the parameter cannot be changed. The "Loudspeaker" icon indicates that the instrument is performing the measurements.



Displays with not active sub-lists of **INPUT** list

5.1 Selection of measurement parameters - MEASUREMENT SETUP

The **MEASUREMENT SETUP** is opened after the selection of the **MEASUREMENT SETUP** text from the **INPUT** list by means of the **<▲>**, **<◀>** (or **<▲>**, **<◀>** with **<SHIFT>**) push-buttons and pressing the **<ENTER>** one.

The **MEASUREMENT SETUP** consists of the parameters, which can be set or switched on / off, namely: the delay of the start of measurements (**START DELAY**), the integration period (**INTEGR. PERIOD**), the repetition of the measurement cycles (**REP. CYCLE**) and the logger activation or deactivation (**LOGGER**). If the logger is active, the user can set the logging period (**LOGGER STEP**) and give a name to the logger's file (**LOGGER NAME**). In order to change the displayed inversely parameter

the user has to press the <▲>, <▼> push-buttons. The confirmation of any change made in the sub-list requires pressing the <ENTER> push-button, which simultaneously closes the sub-list. The **MEASUREMENT SETUP** is closed ignoring any changes made in there, after pressing any time the <ESC> push-button.

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 1s	INTEGR. PERIOD : Inf	INTEGR. PERIOD : 1s
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : 2
LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUREMENT SETUP windows

5.1.1 Setting time delay before the start of measurements - START DELAY

The **START DELAY** defines the delay period from the pressing the <START / STOP> push-button to the start of the measurements (the digital filters of the instrument analyse constantly the input signal even when the measurements are stopped). This delay period can be set from **0 second to 60 seconds** (with 1-second step by means of the <<<>, <>>> push-buttons and with 10-seconds step with the <<<>, <>>> push-buttons pressed together with the <SHIFT> one). The <ENTER> push-button must be pressed for the confirmation of the selection, which closes simultaneously the **MEASUREMENT SETUP** window.

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 0s	START DELAY : 1s	START DELAY : 2s
INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUREMENT SETUP windows; the setting of START DELAY with 1-second step

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 10s	START DELAY : 20s	START DELAY : 60s
INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUREMENT SETUP windows; the setting of START DELAY with 10-seconds step



Notice: The minimum delay period is equal to 0 second. In the **CALIBRATION** mode, the delay period is equal to 5 seconds.

5.1.2 Setting the integration period - INTEGR. PERIOD

The **INTEGR. PERIOD** defines the period in which the signal is being averaged during the sound level measurements. The definitions of the measurement results in which the integration period is used is given in App. D. The required value of this parameter can be set by means of the <<<>, <>>> and confirmed by the <ENTER> push-button.

In the **LEVEL METER** the integration period (**INTEGR. PERIOD**) can be set (by pressing the <<<>, <>>> or <<<>, <>>> with <SHIFT> push-buttons):

- From **1 s to 59 s** (with **1-second** or **10-seconds** step).

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 1s	INTEGR. PERIOD : 2s	INTEGR. PERIOD : 3s
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUREMENT SETUP windows; INTEGR. PERIOD setting with 1-second step

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 10s	INTEGR. PERIOD : 20s	INTEGR. PERIOD : 30s
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUREMENT SETUP windows; INTEGR. PERIOD setting with 10-seconds step

- From 1 m (min) to 59 m (with 1-minute or 10-minutes step).

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 2m	INTEGR. PERIOD : 3m	INTEGR. PERIOD : 13m	INTEGR. PERIOD : 23m
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUREMENT SETUP windows; INTEGR. PERIOD setting with 1 and 10-minutes step

- From 1 h to 24 h (with 1-hour or 10-hours step). It is also possible to set Inf value.

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 2h	INTEGR. PERIOD : 12h	INTEGR. PERIOD : 22h	INTEGR. PERIOD : Inf
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUREMENT SETUP windows; INTEGR. PERIOD setting with 10-hours step

Additionally, the predefined periods: 1 m, 5 m, 15 m, 1 h, 8 h and 24 h, which are enumerated in the standards, are also available (by pressing the <<> push-button or <<> with <SHIFT>; these values are placed in the mentioned above sequence on the left in relation to 1 s).

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 1m	INTEGR. PERIOD : 5m	INTEGR. PERIOD : 15m
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 1h	INTEGR. PERIOD : 8h	INTEGR. PERIOD : 24h
REP. CYCLE : Inf	REP. CYCLE : Inf	REP. CYCLE : Inf
LOGGER : Off	LOGGER : Off	LOGGER : Off

Displays during setting the predefined INTEGR. PERIOD sequence

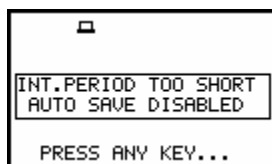


Notice: In the case of switching on the AUTO SAVE function, the minimum value of the integration period should be equal to 10 seconds.



Notice: In the **DOSE METER** the integration period cannot be set for the value greater than 8 hours.

If the user wants to set **AUTO SAVE** option (path: **MENU / FILE / SAVE OPTIONS / AUTO SAVE**) the integration period value has to be greater or equal than 10 seconds. When **AUTO SAVE** option was set and new entered integration period value is less than 10 seconds **AUTO SAVE** option switches off and the proper message appears on the display.



Display, when the **INT.PERIOD** is too short for **AUTO SAVE** option

5.1.3 Setting the number of repetition of measurement cycles - **REP. CYCLE**

The **REP. CYCLE** defines the number of cycles (with the measurement period defined in the **INTEGR. PERIOD**) which should be performed by the instrument. The required parameter can be set by means of the **<<>**, **<>>** push-buttons (with the step equal to 1) or by means of the **<<>**, **<>>** push-buttons pressed together with the **<SHIFT>** one (with the step equal to 20). The selected value is accepted by pressing the **<ENTER>** push-button, which closes the **MEASUREMENT SETUP** window. The **Inf** value denotes the infinite repetition of the measurements (until the pressing the **<START / STOP>** push-button or after receiving the remote control code). The **REP. CYCLE** number values are within the limits [1, 1000].

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s
REP. CYCLE : Inf	REP. CYCLE : 1	REP. CYCLE : 2	REP. CYCLE : 3
LOGGER : Off	LOGGER : Off	LOGGER : Off	LOGGER : Off

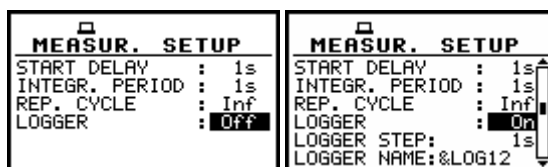
MEASUREMENT SETUP windows; **REP. CYCLE** setting with the step equal to one

MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP	MEASUR. SETUP
START DELAY : 1s	START DELAY : 1s	START DELAY : 1s	START DELAY : 1s
INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s	INTEGR. PERIOD : 1s
REP. CYCLE : 23	REP. CYCLE : 43	REP. CYCLE : 63	REP. CYCLE : 1000
LOGGER : Off	LOGGER : Off	LOGGER : Off	LOGGER : Off

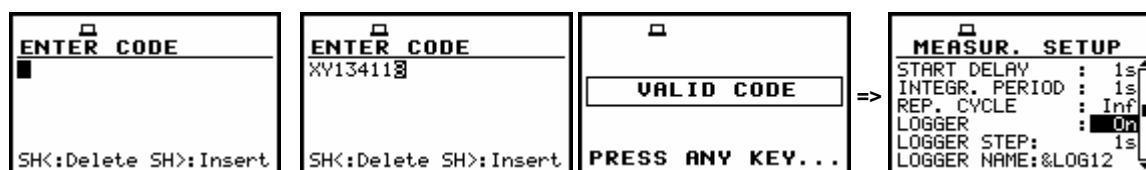
MEASUREMENT SETUP windows; **REP. CYCLE** setting with the step equal to 20

5.1.4 Logger functionality switching On / Off - **LOGGER**

The **LOGGER** switches on and off the functionality, which enables the user to save in a file the selected results from three profiles with the defined period. The **LOGGER** can be activated and deactivated by means of the **<<>**, **<>>** push-buttons and accepted by the **<ENTER>** one. The acceptance closes simultaneously the **MEASUREMENT SETUP** window. Any changes are ignored after pressing the **<ESC>** push-button.

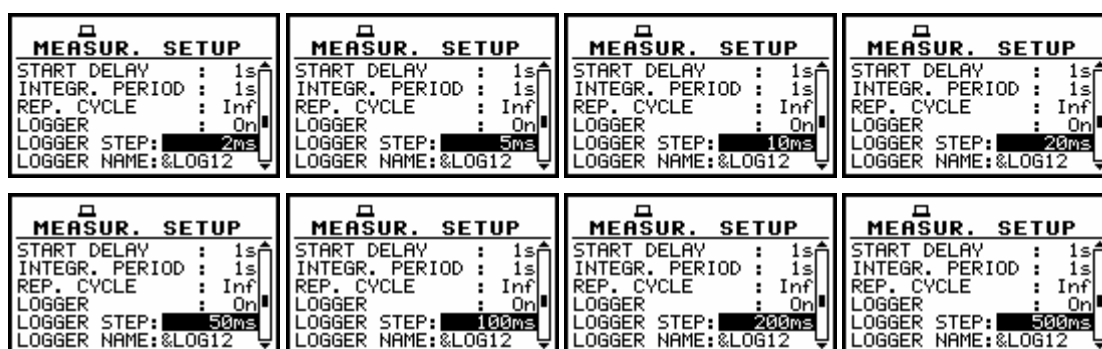
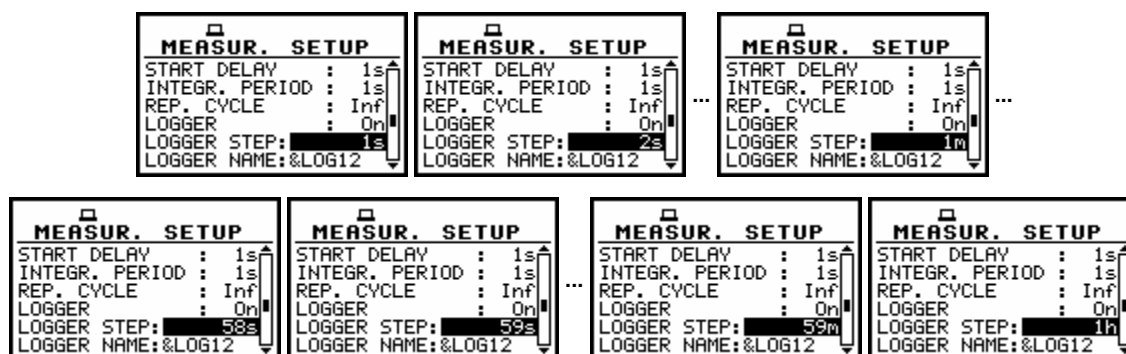
Displays with the **LOGGER** deactivated and activated

The **LOGGER** functionality is not included in the standard set of the instrument. It can be bought together with the instrument ordering the proper option or can be purchased by the user in the future. In the latter case, after selecting **On** value, the user has to introduce special code activating the functionality. After successful activation, the logger remains available and the instrument never more asks for the code.

Displays during the activation of **LOGGER** functionality

5.1.5 Setting time period between two writings to the logger's file - **LOGGER STEP**

The **LOGGER STEP** defines the period of the data logging in a file. It can be set from **2 ms** to **1 s** in 1, 2, 5 sequence, the values from 1 second to 59 seconds, the values from 1 minute to 59 minute and 1 hour. The required parameter can be set by means of the <<>, <>> push-buttons with the single step and by means of the <<>, <>> with <SHIFT> with the incremented one. The selection is accepted by the <ENTER> one, which closes simultaneously the **MEASUREMENT SETUP** window. Any changes are ignored after pressing the <ESC> push-button.

**LOGGER STEP** setting; available values in a sequence 1, 2, 5**LOGGER STEP** setting; available values from 1 second to 1 hour

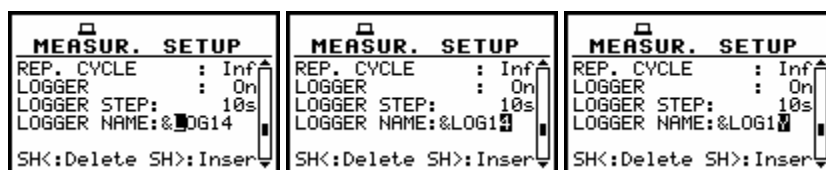
5.1.6 Logger file name edition - **LOGGER NAME**

The **LOGGER NAME** enables the user to name the logger file. The default one is &LOG. The name cannot be longer than eight characters including not edited first one character &. After entering this line, the special help is displayed in the last line.

The name edition is performed similarly to the name edition in the **FILE NAME** line of the **SAVE** or **SAVE SETUP** window.

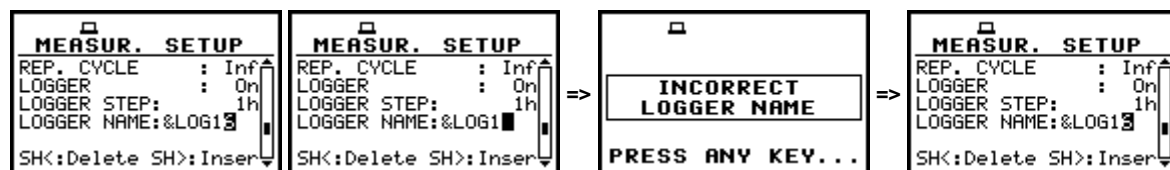
The edition process is presented below. The displayed inversely character is currently edited. The <←>, <→>, <↑>, <↓> and <SHIFT> push-buttons are used for editing the name. One can select the proper position of the character in the edited text using the <←>, <→> push-buttons.

The available ASCII characters can be changed using the <↑> (or <↓>) push-button pressed together with the <SHIFT> one. The subsequent digits, underline, big letters and space appear on the display in the inversely displayed position after each pressing of the mentioned above push-buttons.



LOGGER NAME edition in MEASUREMENT SETUP

The edited name is accepted and the file is saved after pressing the <ENTER> push-button. The special warning is displayed in the case the file with the edited name already exists in the memory. The instrument waits then for a reaction of the user (any push-button should be pressed except the <SHIFT> or the <ALT> one).



Displays during the attempt of overwriting the existing file

The main measurement results from each profile (cf. App. B):

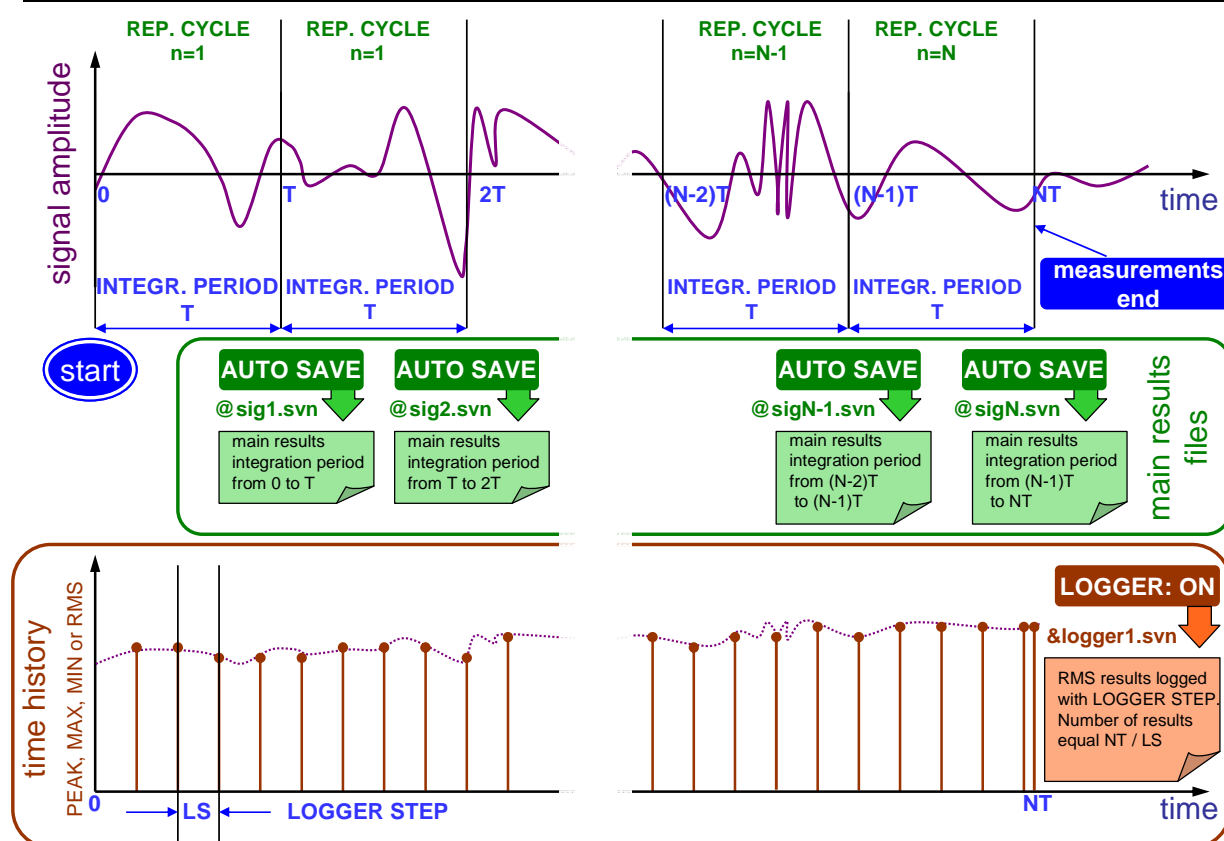
- **L_{Peak}**, **L_{Max}**, **L_{Min}**, **SPL**, **LEQ**, **L_{den}**, **L_{tm3}**, **L_{tm5}**, for **SOUND LEVEL METER** and **1/1 OCTAVE**
- **L_{Peak}**, **L_{Max}**, **L_{Min}**, **SPL**, **LEQ**, **L_{den}**, **L_{tm3}**, **L_{tm5}**, **LAV** and **TLAV** for **DOSE METER**

are calculated in the period set in the **INTEGR. PERIOD**. These results can be saved in the result files of the instrument's memory by means of the **SAVE** or **SAVE NEXT** function (*path: MENU / FILE / SAVE*). In the case when the **INTEGR. PERIOD** is greater than 9 seconds, it can be done also by means of the **AUTO SAVE** operation.

The name of the file for that operation is set in the **FILE NAME** window (*path: MENU / FILE / AUTO SAVE / FILE NAME*). In the case when the **REP. CYCLE** is greater than one, the **AUTO SAVE** operation will be performed after the period set in the **INTEGR. PERIOD**. The name of the file containing the main results is changed after each saving.

In the same, when the **LOGGER** is **On**, the partial measurement results are calculated in the period set in the **LOGGER STEP**. Up to 12 results can be logged simultaneously from three independent profiles of the instrument (**PEAK / MAX / MIN / RMS** results from each profile (*path: MENU / INPUT / PROFILE x*, where $x = 1, 2$ and 3)) with time step down to 2 ms. These results are saved in one logger's file memory of the instrument in the **LEVEL METER** as well as **1/1 OCTAVE** and **DOSE METER** mode. The name of the file is set in the **LOGGER NAME** position. The registration in the logger's memory is stopped after the period, which is equal to **INTEGR. PERIOD** multiplied by **REP. CYCLE**, after pressing the <START/STOP> push-button or after stopping the measurements remotely.

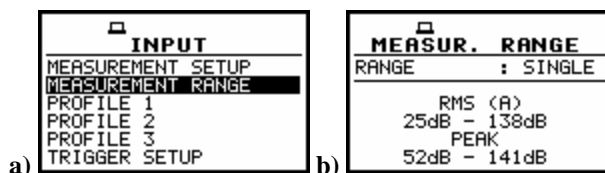
Measurements started by <START/STOP> push-button, ended by last repetition cycle



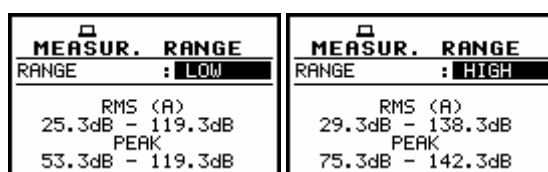
Relations between INTEGR. PERIOD and LOGGER STEP

5.2 Measurement range info - MEASUREMENT RANGE

The **MEASUREMENT RANGE** window displays the info about the meter's measurement range. In order to open this window the user has to select the **MEASUREMENT RANGE** text in the **INPUT** list by means of the <<>, <>> push-buttons and press the <ENTER> one. The change of the input range is not possible. In the **SLM** mode, the instrument operates in **one, wide** dynamic range and **no other ranges are available**. In **1/1 OCTAVE** mode it is possible to choose the **HIGH** or **LOW** measurement range (see chapter dealing with **1/1 OCTAVE** function). The detailed description of the measurement range parameters is given in App. C. The return to the **INPUT** list is made after pressing the <ESC> or <ENTER> push-buttons.

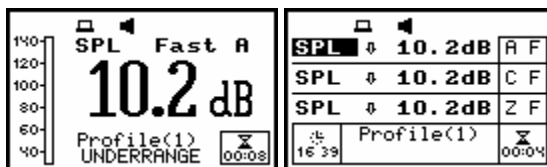


INPUT list with the MEASUREMENT RANGE selected (a) and opened (b)



MEASUREMENT RANGE selection in 1/1 OCTAVE analyser

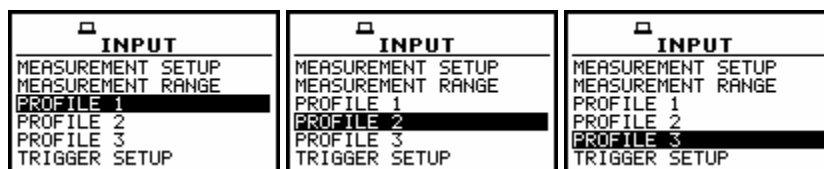
In the case when the level of the measured signal is too low in the relation to the measuring range (when the level of the input signal is under the linearity of the range declared in App. C, so-called **UNDERRANGE**) in one profile mode the message is displayed on the bottom of the display. The arrow directed down is used for this reason in **3 PROFILES** mode.



View of the displays when the level of the signal is too low

5.3 Setting parameters in a profile - PROFILE x

The user enters the **PROFILE x** sub-list after pressing the **<ENTER>** push-button on the displayed inversely **PROFILE x** text, which has to be selected by means of the **<<>**, **<>>** push-buttons. In the **PROFILE x** sub-list the following parameters can be programmed independently for each profile: weighting filter (**FILTER**), RMS detector type (**DETECTOR**) and profile's results logged in a file (**LOGGER PEAK**, **LOGGER MAX**, **LOGGER MIN** and **LOGGER RMS**).



INPUT windows; PROFILE 1, PROFILE 2 and PROFILE 3 selected

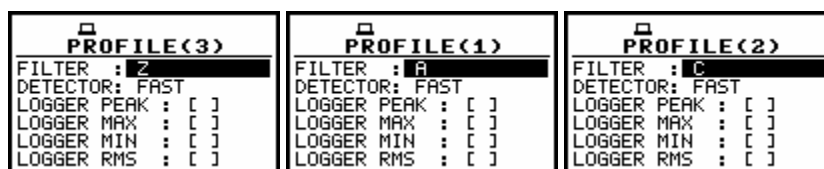


Notice: The change of the profile parameters is not possible when the measurement is performed. The user has to finish the current measurement.

5.3.1 Weighting filter selection in a profile - FILTER

The following weighting filters are available in each profile of the instrument:

- **Z** type 1 according to the IEC 61672-1 standard,
- **A** type 1 according to the IEC 651 and IEC 61672-1 standards,
- **C** type 1 according to the IEC 651 and IEC 61672-1 standards.



PROFILE(x) windows; the selection of the weighting filter

The characteristics of the filters are given in App. D. The selection of the required filter is made with the **<<>**, **<>>** push-buttons. The user can enter the **FILTER** line in the **PROFILE x** sub-list pressing the **<▲>**, **<▼>** push-buttons. After pressing the **<ENTER>** push-button any changes made in the sub-list are confirmed and it is closed. The return to the **INPUT** list ignoring any changes made in the sub-list is made after pressing the **<ESC>** push-button.

5.3.2 RMS detector selection - DETECTOR

In the instrument three RMS detectors are available: **IMPULSE**, **FAST** and **SLOW**. The selection of the required detector is made with the <◀>, <▶> push-buttons. The user can enter the **DETECTOR** line in the **PROFILE x** sub-list pressing the <▲>, <▼> push-buttons. After pressing the <ENTER> push-button any changes made in the sub-list are confirmed and it is closed. The return to the **INPUT** list ignoring any changes made in the sub-list is made after pressing the <ESC> push-button.

PROFILE(3)	PROFILE(2)	PROFILE(1)
FILTER : Z	FILTER : C	FILTER : A
DETECTOR: IMP.	DETECTOR: FAST	DETECTOR: SLOW
LOGGER PEAK : []	LOGGER PEAK : []	LOGGER PEAK : []
LOGGER MAX : []	LOGGER MAX : []	LOGGER MAX : []
LOGGER MIN : []	LOGGER MIN : []	LOGGER MIN : []
LOGGER RMS : []	LOGGER RMS : []	LOGGER RMS : []

PROFILE(x) windows; the selection of the RMS detector

5.3.3 PEAK result selection for saving in a logger's file - LOGGER PEAK

Up to four measurement results from each profile can be saved in the logger's file of the instrument. In order to save the **PEAK** result (cf. the definition in App. D) the user has to activate this line (by means of the <▲>, <▼> push-buttons) and place a special character in the brackets using the <◀>, <▶> push-buttons.

After pressing the <ENTER> push-button any changes made in the window are confirmed and it is closed. The return to the **INPUT** list ignoring any changes made in the window is made after pressing the <ESC> push-button.

PROFILE(1)	PROFILE(1)	...	PROFILE(2)	PROFILE(2)
FILTER : A	FILTER : A		FILTER : C	FILTER : C
DETECTOR: FAST	DETECTOR: FAST		DETECTOR: FAST	DETECTOR: FAST
LOGGER PEAK : []	LOGGER PEAK : [✓]		LOGGER PEAK : []	LOGGER PEAK : [✓]
LOGGER MAX : []	LOGGER MAX : []		LOGGER MAX : []	LOGGER MAX : []
LOGGER MIN : []	LOGGER MIN : []		LOGGER MIN : []	LOGGER MIN : []
LOGGER RMS : []	LOGGER RMS : []		LOGGER RMS : []	LOGGER RMS : []

PROFILE(3)	PROFILE(3)
FILTER : Z	FILTER : Z
DETECTOR: FAST	DETECTOR: FAST
LOGGER PEAK : []	LOGGER PEAK : [✓]
LOGGER MAX : []	LOGGER MAX : []
LOGGER MIN : []	LOGGER MIN : []
LOGGER RMS : []	LOGGER RMS : []

PROFILE(x) windows; the PEAK result to be not saved or saved in a logger's file

5.3.4 MAX result selection for saving in a logger's file - LOGGER MAX

In order to save the **MAX** result (cf. the definition in App. D) the user has to activate this line (by means of the <▲>, <▼> push-buttons) and place a special character in the brackets using the <◀>, <▶> push-buttons.

After pressing the <ENTER> push-button any changes made in the window are confirmed and it is closed. The return to the **INPUT** list ignoring any changes made in the window is made after pressing the <ESC> push-button.

PROFILE(1)	PROFILE(1)	...	PROFILE(3)	PROFILE(3)
FILTER : A	FILTER : A		FILTER : Z	FILTER : Z
DETECTOR: FAST	DETECTOR: FAST		DETECTOR: FAST	DETECTOR: FAST
LOGGER PEAK : [✓]	LOGGER PEAK : [✓]		LOGGER PEAK : []	LOGGER PEAK : []
LOGGER MAX : []	LOGGER MAX : [✓]		LOGGER MAX : []	LOGGER MAX : [✓]
LOGGER MIN : []	LOGGER MIN : []		LOGGER MIN : []	LOGGER MIN : []
LOGGER RMS : []	LOGGER RMS : []		LOGGER RMS : []	LOGGER RMS : []

PROFILE(x) windows; the MAX result to be not saved or saved in a logger's file

5.3.5 MIN result selection for saving in a logger's file - LOGGER MIN

In order to save the **MIN** result (cf. the definition in App. D) the user has to activate this line (by means of the <▲>, <▼> push-buttons) and place a special character in the brackets using the <◀>, <▶> push-buttons. After pressing the <ENTER> push-button any changes made in the window are confirmed and it is closed. The return to the **INPUT** list ignoring any changes made in the window is made after pressing the <ESC> push-button.

PROFILE(1)	PROFILE(1)	...	PROFILE(3)	PROFILE(3)
FILTER : A	FILTER : A		FILTER : Z	FILTER : Z
DETECTOR: FAST	DETECTOR: FAST		DETECTOR: FAST	DETECTOR: FAST
LOGGER PEAK : [✓]	LOGGER PEAK : [✓]		LOGGER PEAK : []	LOGGER PEAK : []
LOGGER MAX : [✓]	LOGGER MAX : [✓]		LOGGER MAX : []	LOGGER MAX : []
LOGGER MIN : [◀]	LOGGER MIN : [◀]		LOGGER MIN : [◀]	LOGGER MIN : [✓]
LOGGER RMS : []	LOGGER RMS : []		LOGGER RMS : []	LOGGER RMS : []

PROFILE(x) windows; the MIN result to be not saved or saved in a logger's file

5.3.6 RMS result selection for saving in a logger's file - LOGGER RMS

In order to save the **RMS** result (cf. the definition in App. D) the user has to activate this line (by means of the <▲>, <▼> push-buttons) and place a special character in the brackets using the <◀>, <▶> push-buttons.

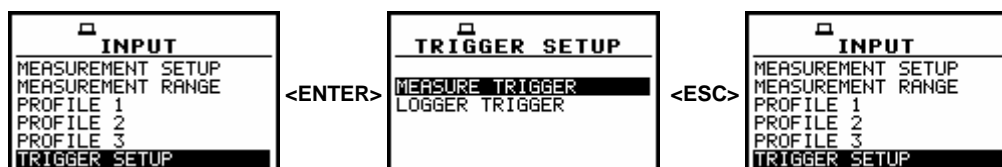
After pressing the <ENTER> push-button any changes made in the window are confirmed and it is closed. The return to the **INPUT** list ignoring any changes made in the window is made after pressing the <ESC> push-button.

PROFILE(1)	PROFILE(1)	...	PROFILE(3)	PROFILE(3)
FILTER : A	FILTER : A		FILTER : Z	FILTER : Z
DETECTOR: FAST	DETECTOR: FAST		DETECTOR: FAST	DETECTOR: FAST
LOGGER PEAK : [✓]	LOGGER PEAK : [✓]		LOGGER PEAK : []	LOGGER PEAK : []
LOGGER MAX : [✓]	LOGGER MAX : [✓]		LOGGER MAX : [✓]	LOGGER MAX : [✓]
LOGGER MIN : []	LOGGER MIN : []		LOGGER MIN : []	LOGGER MIN : []
LOGGER RMS : [◀]	LOGGER RMS : [✓]		LOGGER RMS : [◀]	LOGGER RMS : [✓]

PROFILE(x) windows; the RMS result to be not saved or saved in a logger's file

5.4 Triggering mode and parameters selection - TRIGGER SETUP

The **TRIGGER SETUP** sub-list is accessible in the **LEVEL METER** and **1/1 OCTAVE** modes and it is not present in the **DOSE METER**. This sub-list is opened after the selection of the **TRIGGER SETUP** text from the **INPUT** list by means of the <▼>, <▶> (or <▼>, <▶> with <SHIFT>) push-buttons and pressing the <ENTER> one. The **TRIGGER SETUP** consists of the **MEASURE TRIGGER** and the **LOGGER TRIGGER** sub-lists. The return to the **INPUT** list is made after pressing the <ESC> push-button.

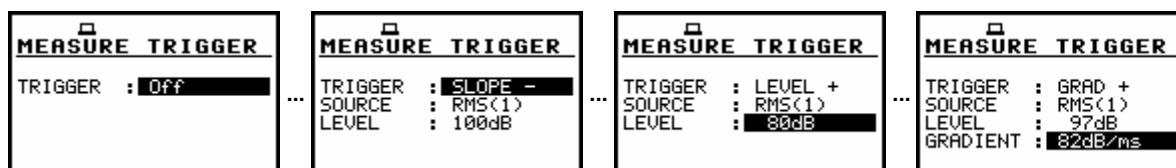


TRIGGER SETUP selected in the INPUT list and the TRIGGER SETUP sub-list

5.4.1 Trigger parameters setting - MEASURE TRIGGER

The **MEASURE TRIGGER** is a contexts sub-list in which the triggering can be switched off or on (**TRIGGER**), in the case when it is switched on - the source of the triggering signal can be determined (**SOURCE**), its level (**LEVEL**) and sometimes also the speed of changes (**GRADIENT**).

In order to enter this sub-list the user has to select by means of the **<^>**, **<<>** push-buttons the **MEASURE TRIGGER** text in the **TRIGGER SETUP** sub-list and press the **<ENTER>** one.

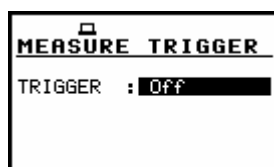


Displays in the MEASURE TRIGGER window

In order to change the displayed inversely parameter the user has to press the **<^>**, **<v>** push-buttons. The confirmation of any change made in the window requires pressing the **<ENTER>** push-button, which simultaneously closes the current display. The **MEASURE TRIGGER** window is closed ignoring any changes made, after pressing any time the **<ESC>** push-button.

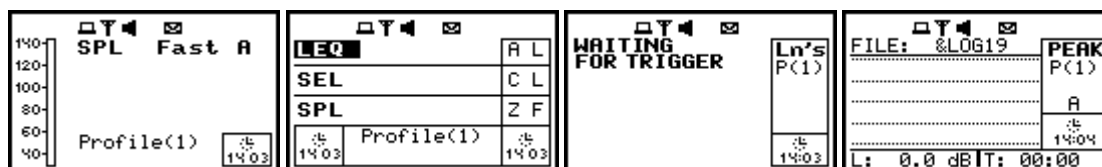
5.4.1.1 Switching the triggering on and off - TRIGGER

The triggering of the measurements (**TRIGGER**) can be switched off using the **<<>** push-button.



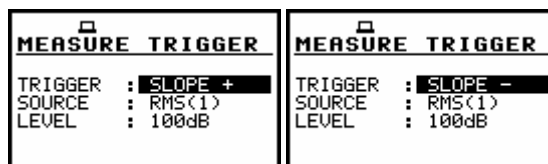
MEASURE TRIGGER window

The triggering is switched on if one of its five modes is selected: **SLOPE +**, **SLOPE -**, **LEVEL +**, **LEVEL -** or **GRAD +**. The selection of the triggering mode is performed using the **<<>**, **<>>** push-buttons. If the instrument works with the triggering switched on the “Antenna” icon is flashing on the display in the case when the triggering condition was not fulfilled.



Displays during the measurements while the triggering condition is not fulfilled

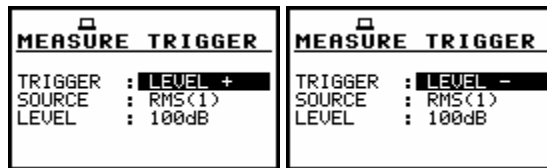
In the case when the **SLOPE +** is selected, the measurement starts when the arising signal will pass the level determined in the **LEVEL**. In the case when the **SLOPE -** is selected, the measurement starts when the falling down signal will pass the level determined in the **LEVEL**. The measurement is stopped when the conditions set in the **MEASUREMENT SETUP** sub-list are fulfilled, after pressing the **<START / STOP>** push-button or after receiving the proper control code remotely.



MEASURE TRIGGER windows with SLOPE modes selected

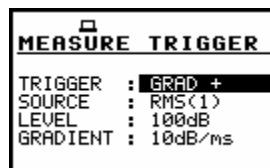
In the case when the **LEVEL +** is selected, in each second of the measurement the triggering condition is checked; the measurement is registered only when the signal has the greater level than this determined in the **LEVEL** and in the other case the measurement result is skipped.

In the case when the **LEVEL –** is selected, in each second of the measurement the triggering condition is checked; the measurement is registered only when the signal has the lower level than this determined in the **LEVEL** and in the other case the measurement result is skipped.



MEASURE TRIGGER windows with LEVEL modes selected

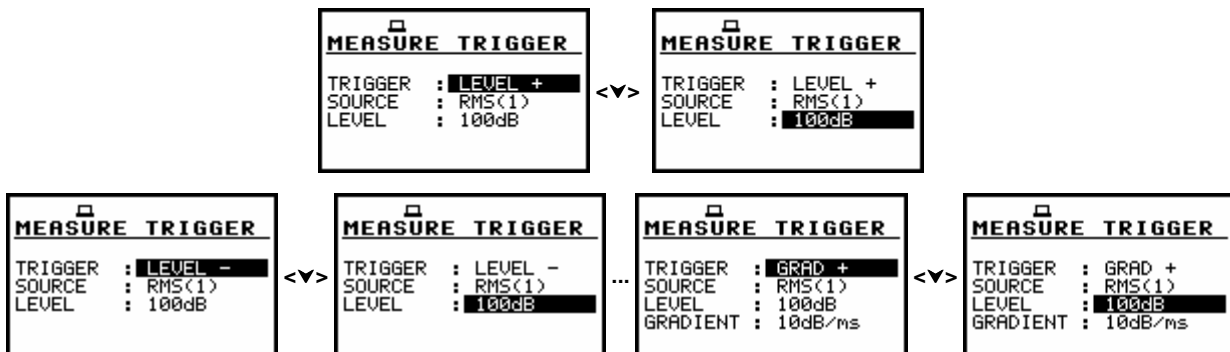
In the case when the **GRAD +** is selected, in each second of the measurement the triggering condition is checked; the measurement is registered only when the signal has the greater level than this determined in the **LEVEL** and the speed of the signal changes is not less than that selected in the **GRADIENT**. In the other case the measurement result is skipped.



MEASURE TRIGGER window with GRAD + mode selected

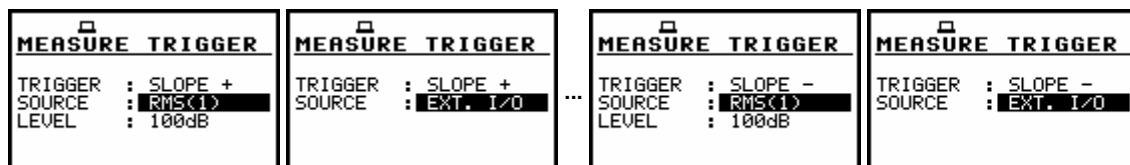
5.4.1.2 Selection of the triggering signal - SOURCE

It is assumed that only one measured result can be used as a source of the triggering signal in the **LEVEL METER** mode, namely the output signal from the RMS detector coming from the first profile which is denoted here as **RMS(1)**. This position does not become active (it is not displayed inversely) and the text stated here remains unchanged in the case of **LEVEL +**, **LEVEL -** or **GRAD +** triggering mode. After pressing there the **<v>** push-button, the **SOURCE** line is skipped.



MEASURE TRIGGER windows with not active SOURCE signal line

In the case of **SLOPE +** and **SLOPE –** as a source of the triggering signal can be used the signal connected to the external input/output socked named **Ext.I/O**. The selection of the source of the triggering signal is performed using the **<<>**, **<>>** push-buttons.



MEASURE TRIGGER window with SOURCE signal selection



Notice: In the **LEVEL METER** mode, only one signal measured in the instrument - the RMS detector of the first profile - can be used as the triggering signal. Additionally, the signal from **Ext.I/O** can be also used as the trigger source in the **SLOPE +** and **SLOP -** modes.

5.4.1.3 Setting the level of the triggering signal - LEVEL

The level of the triggering signal (**LEVEL**) can be set with 1-dB step (or 10-dB steps) from 24 dB to 136 dB range using the <<>, <>> push-buttons (or <<>, <>> with <SHIFT>).

MEASURE TRIGGER TRIGGER : SLOPE + SOURCE : RMS<1> LEVEL : 24dB	...	MEASURE TRIGGER TRIGGER : SLOPE + SOURCE : RMS<1> LEVEL : 76dB	...	MEASURE TRIGGER TRIGGER : SLOPE + SOURCE : RMS<1> LEVEL : 77dB	...	MEASURE TRIGGER TRIGGER : SLOPE + SOURCE : RMS<1> LEVEL : 136dB
--	-----	--	-----	--	-----	---

MEASURE TRIGGER window with LEVEL selection in SLOPE + mode



Notice: The **LEVEL** value of the triggering signal refers to the instantaneous value of the RMS result from the first profile calculated during the period depending on selected **DETECTOR** (path: MENU / INPUT / PROFILE 1 / DETECTOR).

MEASURE TRIGGER TRIGGER : SLOPE - SOURCE : RMS<1> LEVEL : 100dB	<<>+<SHIFT>	MEASURE TRIGGER TRIGGER : SLOPE - SOURCE : RMS<1> LEVEL : 90dB	<<>+<SHIFT>	MEASURE TRIGGER TRIGGER : SLOPE - SOURCE : RMS<1> LEVEL : 80dB
---	-------------	--	-------------	--

MEASURE TRIGGER window with LEVEL selection in SLOPE - mode (10-dB step down)

MEASURE TRIGGER TRIGGER : LEVEL + SOURCE : RMS<1> LEVEL : 134dB	<>>	MEASURE TRIGGER TRIGGER : LEVEL + SOURCE : RMS<1> LEVEL : 135dB	<>>	MEASURE TRIGGER TRIGGER : LEVEL + SOURCE : RMS<1> LEVEL : 136dB
---	-----	---	-----	---

MEASURE TRIGGER window with LEVEL selection in LEVEL + mode (1-dB step up)

MEASURE TRIGGER TRIGGER : LEVEL - SOURCE : RMS<1> LEVEL : 100dB	MEASURE TRIGGER TRIGGER : LEVEL - SOURCE : RMS<1> LEVEL : 101dB	MEASURE TRIGGER TRIGGER : LEVEL - SOURCE : RMS<1> LEVEL : 102dB	MEASURE TRIGGER TRIGGER : LEVEL - SOURCE : RMS<1> LEVEL : 103dB
---	---	---	---

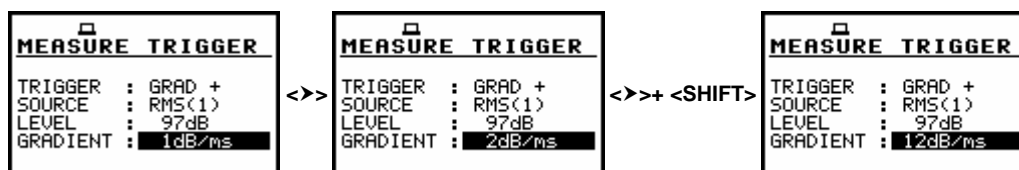
MEASURE TRIGGER window with LEVEL selection in LEVEL - mode (1-dB step up)

MEASURE TRIGGER TRIGGER : GRAD + SOURCE : RMS<1> LEVEL : 100dB GRADIENT : 10dB/ms	MEASURE TRIGGER TRIGGER : GRAD + SOURCE : RMS<1> LEVEL : 99dB GRADIENT : 10dB/ms	MEASURE TRIGGER TRIGGER : GRAD + SOURCE : RMS<1> LEVEL : 98dB GRADIENT : 10dB/ms	MEASURE TRIGGER TRIGGER : GRAD + SOURCE : RMS<1> LEVEL : 97dB GRADIENT : 10dB/ms
--	---	---	---

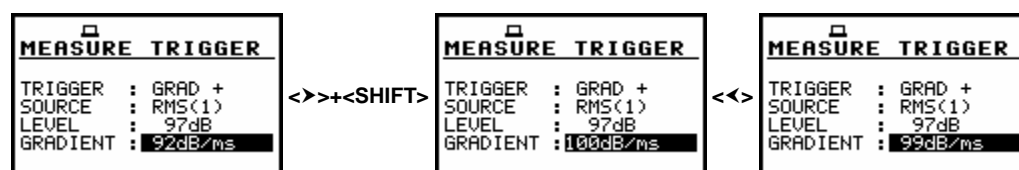
MEASURE TRIGGER window with LEVEL selection in GRAD + mode (1-dB step down)

5.4.1.4 Setting the speed of the triggering signal changes - GRADIENT

The speed of the triggering signal changes (**GRADIENT**) can be set with 1-dB/millisecond step (or 10-dB/millisecond steps) from 1 dB/ms to 100 dB/ms range using the <<>, <>> push-buttons (or <<>, <>> with <SHIFT>).



MEASURE TRIGGER window with GRADIENT selection (1-dB/ms and 10-dB/ms step up)



MEASURE TRIGGER window with GRADIENT selection (10-dB/ms up and 1-dB/ms down)

5.4.2 Trigger parameters in logger setting - LOGGER TRIGGER

The **LOGGER TRIGGER** parameters influence the way the measurement results are saved in the logger. It is a contexts sub-list in which the triggering in logger can be switched off or on (**TRIGGER**). In the case when it is switched on, i.e. the **LEVEL +** mode - the source of the triggering signal is determined (**SOURCE**), its level can be selected (**LEVEL**), the number of the results saved in the logger before the fulfilment of the triggering condition (**PRE**) and the number of the results saved in the logger after the fulfilment of the triggering condition (**POST**). If the triggering signal is greater than the selected in the **LEVEL**, the logger contains:

- the measurement results registered directly before the fulfilment of the triggering condition; time of the registration can be calculated by multiplying the value set in the **PRE** by the value taken from the **LOGGER STEP** (path: MENU / INPUT / MEASUREMENT SETUP / LOGGER STEP);
- all measurement results up to the moment the triggering signal falls down the **LEVEL**;
- the results registered directly after the fulfilment of the triggering condition; time of the registration can be calculated by multiplying the value set in the **POST** by the value taken from the **LOGGER STEP** (path: MENU / INPUT / MEASUREMENT SETUP / LOGGER STEP).



Notice: The **LOGGER TRIGGER** functionality is not included in the standard functionality of the **SVAN 953** instrument. It is available as an option, which is activated after entering special code. The code should be introduced only once. If the option is activated the **ENTER CODE** window is not displayed any more.

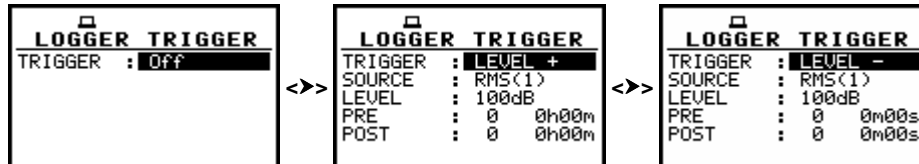


TRIGGER SETUP window; LOGGER TRIGGER selection

In order to change the displayed inversely parameter the user has to press the **<^>**, **<v>** push-buttons. The confirmation of any change made in the window requires pressing the **<ENTER>** push-button, which simultaneously closes the current display. The **LOGGER TRIGGER** window is closed ignoring any changes made, after pressing any time the **<ESC>** push-button.

5.4.2.1 Switching the logger triggering on and off - TRIGGER

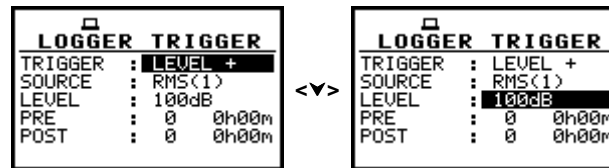
The logger triggering of the measurements (**TRIGGER**) can be switched off using the **<<>** push-button (or **<<>** with **<SHIFT>**). The triggering is switched on if the **LEVEL +** or **LEVEL -** mode is selected using the **<>>** push-button (or **<>>** with **<SHIFT>**).



LOGGER TRIGGER windows

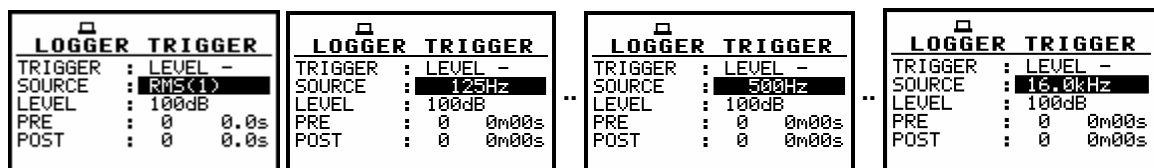
5.4.2.2 Selection of the triggering signal in logger - SOURCE

It is assumed that only one measured result can be used as a source of the triggering signal in the logger of the **LEVEL METER** mode, namely the output signal from the RMS detector coming from the first profile which is denoted here as **RMS(1)**. This position does not become active (it is not displayed inversely) and the text stated here remains unchanged. After pressing the **<v>** push-button, the **SOURCE** line is skipped.



LOGGER TRIGGER windows with not active SOURCE signal line

However, in **1/1 OCTAVE** analysis it is possible to access mentioned above position and to make a selection. The results coming from the output of **1/1 OCTAVE** filters, starting from 125 Hz (125 Hz, 250 Hz, 500 Hz, 1.00 kHz, 2.00 kHz, 4.00 kHz, 8.00 kHz and 16.0 kHz), are available as well as **RMS** result from the first profile. Other **TRIGGER SETUP** sets are identical as for the **SLM**.



LOGGER TRIGGER window with SOURCE selection in 1/1 OCTAVE mode

5.4.2.3 Setting the level of the triggering signal in the logger - LEVEL

The level of the triggering signal in logger (**LEVEL**) can be set in 1-dB step (or 10-dB steps) from 24 dB to 136 dB range using the **<<>**, **<>>** push-buttons (or **<<>**, **<>>** with **<SHIFT>**).

LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 24dB PRE : 0 0h00m POST : 0 0h00m	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 25dB PRE : 0 0h00m POST : 0 0h00m	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 26dB PRE : 0 0h00m POST : 0 0h00m	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 27dB PRE : 0 0h00m POST : 0 0h00m
LOGGER TRIGGER TRIGGER : LEVEL - SOURCE : RMS(1) LEVEL : 70dB PRE : 0 0m00s POST : 0 0m00s	LOGGER TRIGGER TRIGGER : LEVEL - SOURCE : RMS(1) LEVEL : 71dB PRE : 0 0m00s POST : 0 0m00s	LOGGER TRIGGER TRIGGER : LEVEL - SOURCE : RMS(1) LEVEL : 72dB PRE : 0 0m00s POST : 0 0m00s	LOGGER TRIGGER TRIGGER : LEVEL - SOURCE : RMS(1) LEVEL : 73dB PRE : 0 0m00s POST : 0 0m00s

LOGGER TRIGGER window with LEVEL selection (1-dB step up)



Notice: The **LEVEL** value of the triggering signal in logger refers to the instantaneous value of the RMS result from the first profile calculated during the period depending on selected **DETECTOR** (path: MENU / INPUT / PROFILE 1 / DETECTOR).

LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 27dB PRE : 0 0h00m POST : 0 0h00m	<>>+<SHIFT>	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 37dB PRE : 0 0h00m POST : 0 0h00m	<>>+<SHIFT>	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 47dB PRE : 0 0h00m POST : 0 0h00m	...
LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 117dB PRE : 0 0h00m POST : 0 0h00m	<>>+<SHIFT>	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 127dB PRE : 0 0h00m POST : 0 0h00m	<>>+<SHIFT>	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 136dB PRE : 0 0h00m POST : 0 0h00m	
LOGGER TRIGGER TRIGGER : LEVEL - SOURCE : RMS(1) LEVEL : 54dB PRE : 0 0m00s POST : 0 0m00s	<>>+ <SHIFT>	LOGGER TRIGGER TRIGGER : LEVEL - SOURCE : RMS(1) LEVEL : 64dB PRE : 0 0m00s POST : 0 0m00s	<>>+ <SHIFT>	LOGGER TRIGGER TRIGGER : LEVEL - SOURCE : RMS(1) LEVEL : 74dB PRE : 0 0m00s POST : 0 0m00s	

LOGGER TRIGGER window with LEVEL selection (10-dB step up)

5.4.2.4 Selection of the number of the results to be saved in the logger before the fulfilment of the triggering condition - PRE

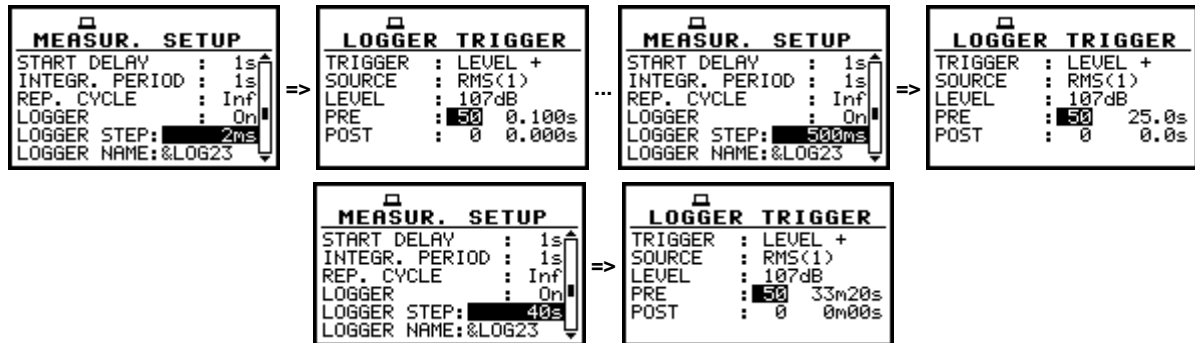
In the **PRE** line the number of the results registered in the logger's file before the fulfilment of the triggering condition can be set. This number is within the limits 0..50 and can be set with the step equal to one using the <<>, <>> push-buttons or the step equal to 10 using the <<>, <>> with <SHIFT>.

MEASUR. SETUP START DELAY : 1s INTEGR. PERIOD : 1s REP. CYCLE : Inf LOGGER : 0m LOGGER STEP: 100ms LOGGER NAME: &LOG23	=>	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 107dB PRE : 0 0.0s POST : 0 0.0s	<>>	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 107dB PRE : 2 0.2s POST : 0 0.0s	...	LOGGER TRIGGER TRIGGER : LEVEL + SOURCE : RMS(1) LEVEL : 107dB PRE : 50 5.0s POST : 0 0.0s
---	----	---	-----	---	-----	--

LOGGER TRIGGER windows with PRE selection

Time period of the measurements which are saved in the logger before the fulfilment of the triggering condition can be calculated multiplying the value set in the **PRE** by the value set

in the **LOGGER STEP** (path: MENU / INPUT / MEASUREMENT SETUP). The result of the calculation is presented in the same line, at the right side of the display.

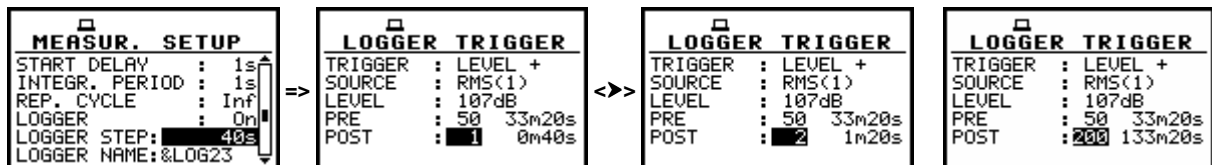


LOGGER TRIGGER windows with PRE selection for different LOGGER STEPS

The value set in the **PRE** is confirmed and the window is closed after pressing the **<ENTER>** push-button. After pressing the **<ESC>** push-button the window is closed ignoring the settings made in the **PRE**.

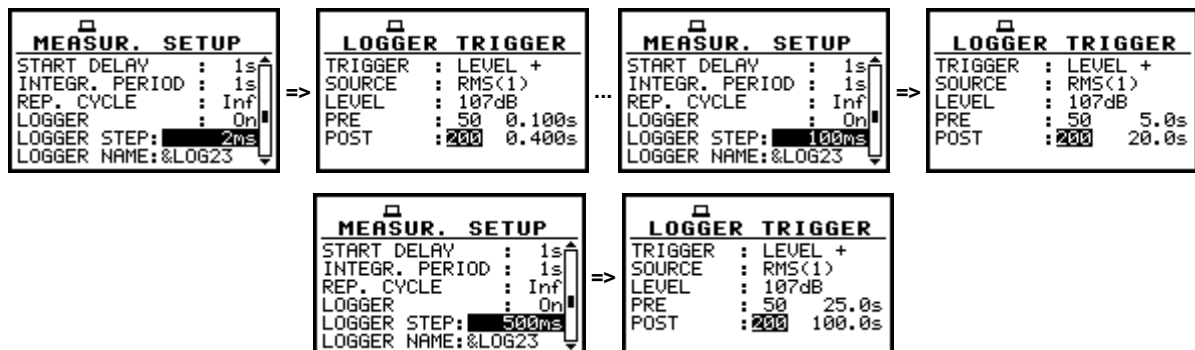
5.4.2.5 Selection of the number of the results to be saved in the logger after the fulfilment of the triggering condition - POST

In the **POST** line the number of the results registered in the logger's file after the fulfilment of the triggering condition can be set. This number is within the limits 0..200 and can be set with the step equal to one using the **<<>**, **<>>** push-buttons or the step equal to 10 using the **<<>**, **<>>** with **<SHIFT>**.



LOGGER TRIGGER windows with POST selection

Time period of the measurements which are saved in the logger after the fulfilment of the triggering condition can be calculated multiplying the value set in the **POST** by the value set in the **LOGGER STEP** (path: MENU / INPUT / MEASUREMENT SETUP). The result of the calculation is presented in the same line, at the right side of the display.



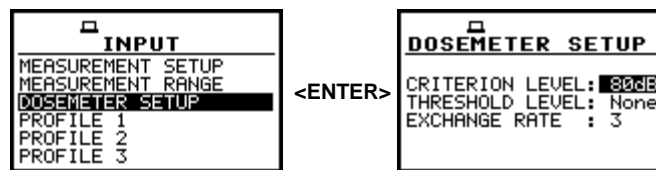
LOGGER TRIGGER windows with POST selection for different LOGGER STEP

The value set in the **POST** is confirmed and the window is closed after pressing the **<ENTER>** push-button. After pressing the **<ESC>** push-button the window is closed ignoring the settings made in the **POST**.

5.5 Selection of dose meter parameters - DOSEMETER SETUP

The **DOSEMETER SETUP** is accessible in the **INPUT** list in the **DOSE METER** mode but it is not present in the **LEVEL METER** or **1/1 OCTAVE** mode. This sub-list is opened after the selection of the **DOSEMETER SETUP** text from the **INPUT** list by means of the **<▲>**, **<▼>** (or **<◀>**, **<▶>**) push-buttons and pressing the **<ENTER>** one.

The **DOSEMETER SETUP** consists of the parameters, which influence the calculation of the dose meter results: the **CRITERION LEVEL**, **THRESHOLD LEVEL** and **EXCHANGE RATE** (the definitions of the dose meter results are given in App. D).

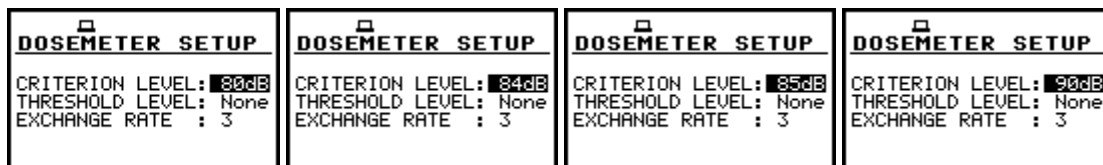


DOSEMETER SETUP selected in INPUT list and the DOSEMETER SETUP window

5.5.1 Setting criterion sound level - CRITERION LEVEL

The criterion sound level influences the calculations of the **DOSE** and **D_{8h}** results. The **CRITERION LEVEL** line is accessible after pressing the **<▲>** push-button in the **DOSEMETER SETUP** window.

The available values are as follows: **80 dB**, **84 dB**, **85 dB** or **90 dB**. They can be selected by means of the **<◀>**, **<▶>** push-buttons. The confirmation of any change made in the line requires pressing the **<ENTER>** push-button, which simultaneously closes the window. The **DOSEMETER SETUP** is closed ignoring any changes made in there, after pressing any time the **<ESC>** push-button.

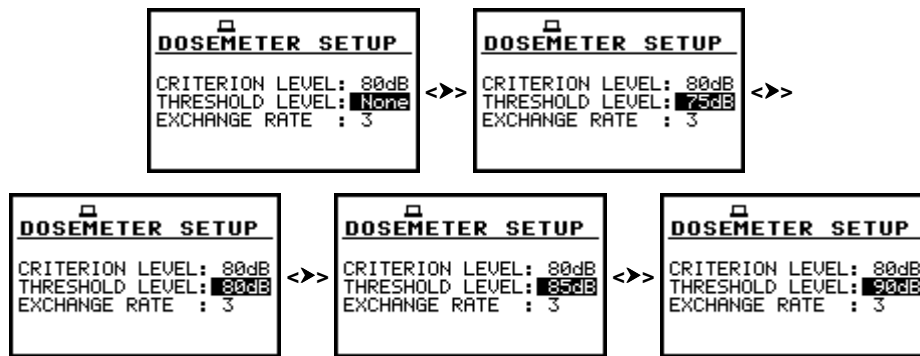


DOSEMETER SETUP windows with CRITERION LEVEL selection

5.5.2 Setting criterion sound level - THRESHOLD LEVEL

The threshold level influences the calculations of the dose meter results, namely **DOSE**, **D_{8h}** and **LAV**. The **THRESHOLD LEVEL** line is accessible after pressing the **<▲>**, **<▼>** push-buttons in the **DOSEMETER SETUP** window.

The available values are as follows: **None**, **75 dB**, **80 dB**, **85 dB** or **90 dB**. They can be selected by means of the **<◀>**, **<▶>** push-buttons. The confirmation of any change made in the line requires pressing the **<ENTER>** push-button, which simultaneously closes the window. The **DOSEMETER SETUP** is closed ignoring any changes made in there, after pressing any time the **<ESC>** push-button.



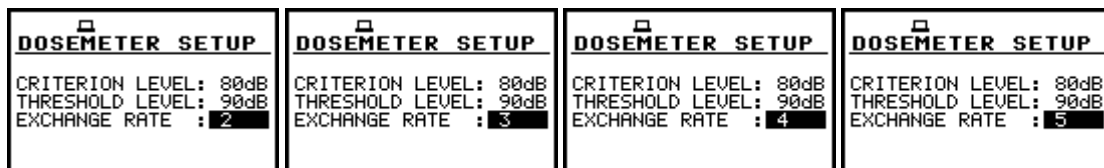
DOSEMETER SETUP windows with THRESHOLD LEVEL selection

5.5.3 Setting criterion sound level - EXCHANGE RATE

The exchange rate influences the calculations of the dose meter results, namely **DOSE**, **D_8h** and **LAV**. The exposure rate equal to three complies with ISO R 1999 "Assessment of Occupational Noise Exposure for Hearing Conservation Purposes", while equal to five complies with the American "Occupational Safety and Health Act" – OSHA.

The **EXCHANGE RATE** line is accessible after pressing the **<V>** push-button in the **DOSEMETER SETUP** widow.

The available values are as follows: **2**, **3**, **4** or **5**. They can be selected by means of the **<<>**, **<>>** push-buttons. The confirmation of any change made in the line requires pressing the **<ENTER>** push-button, which simultaneously closes the window. The **DOSEMETER SETUP** is closed ignoring any changes made in there, after pressing any time the **<ESC>** push-button.

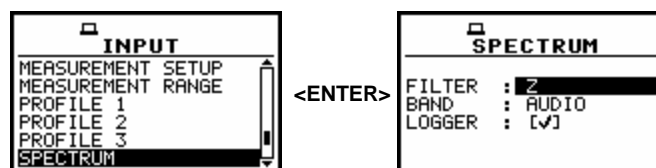


DOSEMETER SETUP windows with EXCHANGE RATE selection

5.6 Selection of 1/1 octave spectrum parameters - SPECTRUM

The **SPECTRUM** appears in the **INPUT** list when the **1/1 OCTAVE** function is selected in the **MEASUREMENT FUNCTION** (path: **MENU / FUNCTION / MEASUREMENT FUNCTION / 1/1 OCTAVE**). This sub-list is opened after the selection of the **SPECTRUM** text from the **INPUT** list by means of the **<A>**, **<V>** (or **<<>**, **<>>**) push-buttons and pressing the **<ENTER>** one.

The **SPECTRUM** consists of the parameters, which influence the calculation and logging the results of **1/1 OCTAVE** analysis: **FILTER**, **BAND** and **LOGGER**. The **SPECTRUM** window is closed ignoring any changes made in there, after pressing any time the **<ESC>** push-button.



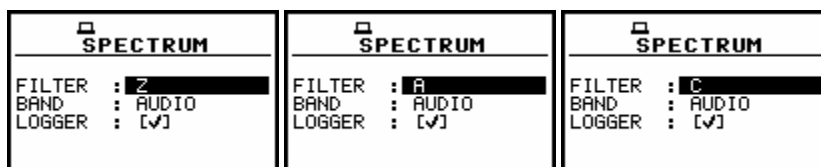
SPECTRUM selected in INPUT list and SPECTRUM window opened

5.6.1 Selecting the weighting filter during 1/1 OCTAVE analysis - FILTER

The **FILTER** influences the calculations of **1/1 OCTAVE** analysis. The following weighting filters are available in the case of **1/1 OCTAVE** analysis:

- **Z** type 1 according to the IEC 61672-1 standard,
- **A** type 1 according to the IEC 651 and IEC 61672-1 standards,
- **C** type 1 according to the IEC 651 and IEC 61672-1 standards.

The selection of this parameter is made by means of the <<>, <>> push-buttons. The confirmation of the change made in the line requires pressing the <ENTER> push-button, which simultaneously closes the window. The frequency characteristics of those filters are given in Appendix D.



SPECTRUM windows with FILTER selection

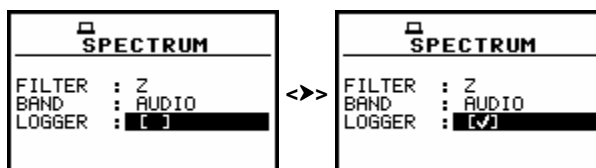
5.6.2 1/1 OCTAVE analysis band - BAND

In the **SVAN 953** instrument the **1/1 OCTAVE** analysis is performed in, so-called, **AUDIO** band, which contains the results coming from ten consecutive band-pass filters starting from **31.5 Hz** and ending at **16.0 kHz** (1/1 octave sequence). The line with this text can not be accessed.

5.6.3 Logger activation for 1/1 OCTAVE analysis results - LOGGER

The **RMS** result from **1/1 OCTAVE** analysis can be saved in the logger's file of the instrument (or on the USB memory stick).

The activation is made by placing a special character in the **LOGGER** position. The activation is possible when the **LOGGER** functionality is switched on in the **MEASUREMENT SETUP** window (*path: MENU / INPUT / MEASUREMENT SETUP / LOGGER*). If the **LOGGER** functionality is switched off, the position is not accessible. The confirmation of the change made in the position requires pressing the <ENTER> push-button, which simultaneously closes the window. The **SPECTRUM** window is closed ignoring any changes made in there, after pressing any time the <ESC> push-button.



SPECTRUM windows with LOGGER activation